

What is claimed is

1. A multiple stress-resistant promoter sequence
or a promoter sequence including a base
5 sequence represented by SEQ. ID. No 2 for the
production of transformants that can mass-
produce valuable substances.
2. The promoter sequence as set forth in claim 1,
10 wherein the promoter sequence is selected from
a group consisting of base sequences
represented by SEQ. ID. No 2 ~ No 11.
3. An expression vector for the mass-production
15 of a multiple stress-resistant substance or
other valuable substances, wherein a promoter
sequence selected from a group consisting of
base sequences represented by SEQ. ID. No 2 ~
No 11, a coding sequence for a target valuable
20 substance and a terminator sequence are
included in that order.
4. Transgenic cells for the mass-production of a
multiple stress-resistant substance or other
25 valuable substances, which are prepared by

transfecting host plant cells with the expression vector of claim 3.

- 5 5. Transgenic cells as set forth in claim 4,
 wherein the host plant cells are the cells of
 a plant selected from a group consisting of
 tobacco, major agricultural crops such as rice,
 sweetpotato, etc, and medicinal plants
 including ginseng.
- 10 6. Transgenic cells as set forth in claim 4 or in
 claim 5, wherein the cells are prepared by
 transfecting tobacco cells with an expression
 vector containing a base sequence represented
15 by SEQ. ID. No 9 (Accession No: KCTC 10594BP).
7. A transgenic plant for the mass-production of
 a multiple stress-resistant substance or other
 valuable substances, which is prepared by
20 transfecting a host plant with an expression
 vector of claim 3 using an *Agrobacterium*.
8. The transgenic plant as set forth in claim 7,
 wherein the stress is selected from a group
25 consisting of wounding, methyl viologen,

hydrogen peroxide, NaCl, methyljasmonate, abscisic acid, non-biological stress ($\leq 15^{\circ}\text{C}$ or $\geq 37^{\circ}\text{C}$) and pathogenic bacteria (*Pectobacterium chrysanhemi*).

5

9. A preparation method of a transgenic plant for the mass-production of a multiple stress-resistant substance or other valuable substances comprising the following steps:

10

- 1) Constructing an expression vector containing each of a promoter sequence selected from a group consisting of base sequences represented by SEQ. ID. No 2 ~ No 11, a target valuable substance coding sequence and a transcription terminator sequence; and

15

- 2) Transfecting a host plant with the expression vector of the above step 1) using an *Agrobacterium*.

20